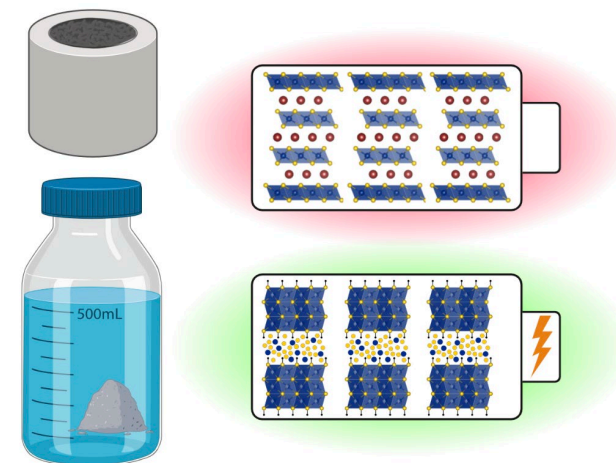
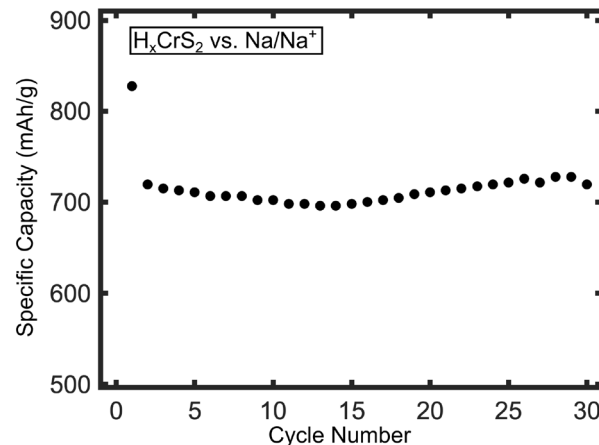
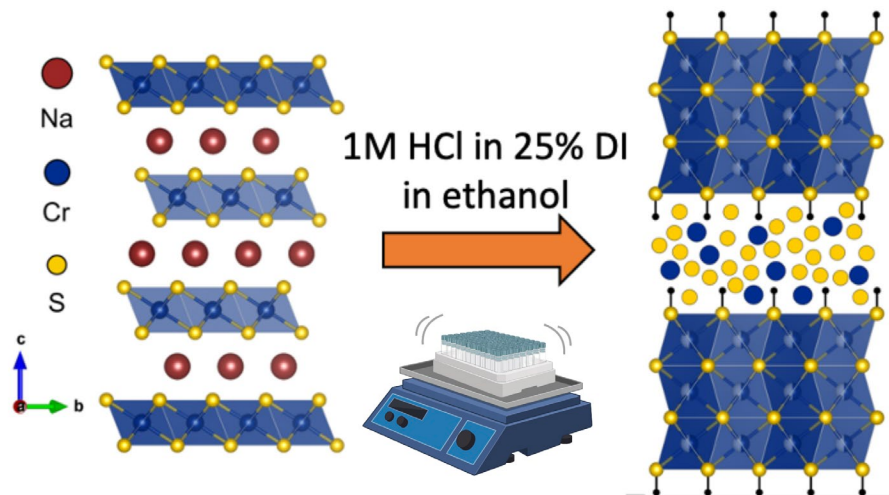


Unlocking High Capacity and Fast Na⁺ Diffusion of H_xCrS₂ by Proton-Exchange Pretreatment

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- Interest in sodium ion batteries is on the rise due to the relative abundance of sodium compared with lithium
- Proton-exchange of NaCrS₂ results in a new biphasic structure: H_xCrS₂
- H_xCrS₂ demonstrates faster Na⁺ diffusion and higher capacities than NaCrS₂

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